



AF/2792
11/13/02
2/19/02
B

RESPONSE UNDER 37 C.F.R. § 1.116
EXPEDITED PROCEDURE - EXAMINING GROUP 2631
PATENT

Attorney's Docket No. RA9-98-074/4269-61

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Abdelilah et al.
Serial No.: 09/264,085
Filed: March 8, 1999

Confirmation No.: 2597
Group Art Unit: 2631
Examiner: P. Kumar

For: RECEIVERS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR AN
ANALOG MODEM THAT RECEIVES DATA SIGNALS FROM A DIGITAL
MODEM

Date: December 11, 2002

BOX AF
Commissioner for Patents
Washington, DC 20231

RESPONSE AFTER FINAL ACTION
PURSUANT TO 37 C.F.R. § 1.116

RECEIVED
DEC 18 2002
Technology Center 2600

Sir:

This is a full and timely response to the final Office Action mailed October 11, 2002 that contains amendments and remarks as set forth hereafter. Attached hereto is a marked up version of the changes made to the claims by the current amendments. The marked up version of the changes is captioned "**VERSION WITH MARKINGS TO SHOW CHANGES MADE.**"

In the Claims:

Please enter amended Claims 20 - 22, 24 - 26, and 30 as follows:

20. (Twice Amended) A computer program product for demodulating, in a receiver, a data signal transmitted from a digital source at a network sampling rate that is synchronized with a network clock, comprising:

a computer readable storage medium having computer readable code means embodied therein, the computer readable code means comprising:

first logic configured to sample the data signal to produce digital samples at a first local sample rate that is synchronized with a local clock;

second logic configured to interpolate the digital samples to produce first and second estimates for each of the digital samples, the second logic configured to interpolate comprising:

Do not
enter
PM